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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
)  
Inventors: Conley et al. )  
)  
Serial No.: 10/784,662 ) ATTORNEY FILE NO.  
) SLA674  
Filed: February 23, 2004 )  
) Customer No.: 55,286  
Title: REACTIVE GATE ) Group Art: 2815  
ELECTRODE CONDUCTIVE ) Examiner: Wojciechowicz, E.  
BARRIER ) Confirmation No.: 2287  
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**CERTIFICATION UNDER 37 CFR § 1.8**

I hereby certify that the documents referred to as enclosed herein are being deposited with the United States Postal Service as first class mail on, or before this date 10/30/2006, in an envelope addressed to: Mail Stop Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/30/2006

Date

Signature

MAIL STOP AMENDMENTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE UNDER 37 CFR 1.111**

In response to an Office Action mailed August 25, 2006, please amend and reconsider the above-mentioned application as follows.

Amendments to the claims are presented beginning on page 2.

Remarks are presented beginning on page 6.

Replacement drawings are enclosed.